RF Exposure Evaluation

of

E.U.T. : RFID Reader Module

FCC ID. : 2AGMLEWTJ680GI

MODEL : EWTJ680G-I

for

APPLICANT : East Wind Technologies, Inc.

ADDRESS : 7F-3, No. 390, Section 1, Fu-Hsin South Road, Taipei, Taiwan

Prepared by

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Report Number : 17-06-RBF-016-MPE

TEST REPORT CERTIFICATION

Applicant : East Wind Technologies, Inc.
7F-3, No. 390, Section 1, Fu-Hsin South Road, Taipei, Taiwan

Manufacturer : East Wind Technologies, Inc.
7F-3, No. 390, Section 1, Fu-Hsin South Road, Taipei, Taiwan

Description of EUT

a) Type of EUT : RFID Reader Module
b) Trade Name : EWT
c) Model No. : EWTJ680G-I
d) Serial Model : --
e) Power Supply : DC 5V

Regulation Applied : FCC KDB447498 D01. The equipment fulfills the requirements on power density for general population/uncontrolled exposure and therefore fulfills the requirements of section 1.1310 of FCC 47 CFR Part 1.

Note:

1. The result of the testing report relate only to the item tested.
2. The testing report shall not be reproduced expect in full, without the written approval of ETC

Date Test Item Received	:	Sep.06, 2018
Date Test Campaign Completed	:	Sep.20, 2018
Date of Issue	:	Oct.05, 2018

Test Engineer : Brian Huang

(Brian Huang, Engineer)

Approve & Authorized Signer : Vincent Chang

Vincent Chang, Supervisor
EMC Dept. II of ELECTRONICS
TESTING CENTER, TAIWAN

Product Information:

Type of EUT: RFID Reader Module
FCC ID: 2AGMLEWTJ680GI
Model: EWTJ680G-I

According to KDB 447498 section 4.3.1, the 1-g SAR test exclusion thresholds at test separation distance ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,mm)] ·[√f(GHz)] ≤ 3.0

The max. average power of channel, including tune-up tolerance(mW) is 19.8dBμV(30m)=0.0000028647mW@ 0.01356GHz (With Tune-up tolerance),

The min. test separation distance (mm) is 5 mm,

So, [(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] ·[√f(GHz)] = 0.000000066717 < 3.0 (With Tune-up tolerance).

Therefore, standalone SAR measurements are not required for both head and body.
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